

RECEIVED

DEC 07 2001

TECH CENTER 1600/2900



SEQUENCE LISTING

<110> Biomolecular Engineering Research Institute

<120> Crystals and structural coordinates of protein complex and utilization of the structural coordinates

<130> 2001-1229A/WMC/0177

<140> 09/914,619

<141> 08-31-01

<150> JP 56905/1999

<151> 1999-03-04

<150> 218691/1999

<151> 1999-08-02

<160> 3

<210> 1

<211> 175

<212> PRT

<213> homo sapience

<400> 1

Met	Thr	Pro	Leu	Gly	Pro	Ala	Ser	Ser	Leu	Pro	Gln	Ser	Phe	Leu	Leu
1				5					10					15	
Lys	Cys	Leu	Glu	Gln	Val	Arg	Lys	Ile	Gln	Gly	Asp	Gly	Ala	Ala	Leu
		20						25					30		
Gln	Glu	Lys	Leu	Cys	Ala	Thr	Tyr	Lys	Leu	Cys	His	Pro	Glu	Glu	Leu
		35					40					45			
Val	Leu	Leu	Gly	His	Ser	Leu	Gly	Ile	Pro	Trp	Ala	Pro	Leu	Ser	Ser
	50				55					60					
Cys	Pro	Ser	Gln	Ala	Leu	Gln	Leu	Ala	Gly	Cys	Leu	Ser	Gln	Leu	His
	65				70					75				80	
Ser	Gly	Leu	Phe	Leu	Tyr	Gln	Gly	Leu	Leu	Gln	Ala	Leu	Glu	Gly	Ile
			85					90						95	
Ser	Pro	Glu	Leu	Gly	Pro	Thr	Leu	Asp	Thr	Leu	Gln	Leu	Asp	Val	Ala
			100					105					110		
Asp	Phe	Ala	Thr	Thr	Ile	Trp	Gln	Gln	Met	Glu	Glu	Leu	Gly	Met	Ala
		115					120					125			
Pro	Ala	Leu	Gln	Pro	Thr	Gln	Gly	Ala	Met	Pro	Ala	Phe	Ala	Ser	Ala
	130					135					140				
Phe	Gln	Arg	Arg	Ala	Gly	Gly	Val	Leu	Val	Ala	Ser	His	Leu	Gln	Ser
	145				150					155				160	
Phe	Leu	Glu	Val	Ser	Tyr	Arg	Val	Leu	Arg	His	Leu	Ala	Gln	Pro	
				165					170					175	

<210> 2

<211> 215

<212> PRT

<213> mouse

<400> 2

Ala	Gly	Tyr	Pro	Pro	Ala	Ser	Pro	Ser	Asn	Leu	Ser	Cys	Leu	Met	His
1				5					10					15	

Leu Thr Thr Asn Ser Leu Val Cys Gln Trp Glu Pro Gly Pro Glu Thr
 20 25 30
 His Leu Pro Thr Ser Phe Ile Leu Lys Ser Phe Arg Ser Arg Ala Asp
 35 40 45
 Cys Gln Tyr Gln Gly Asp Thr Ile Pro Asp Cys Val Ala Lys Lys Arg
 50 55 60
 Gln Asn Asn Cys Ser Ile Pro Arg Lys Asn Leu Leu Tyr Gln Tyr
 65 70 75 80
 Met Ala Ile Trp Val Gln Ala Glu Asn Met Leu Gly Ser Ser Glu Ser
 85 90 95
 Pro Lys Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro
 100 105 110
 Met Leu Gln Ala Leu Asp Ile Gly Pro Asp Val Val Ser His Gln Pro
 115 120 125
 Gly Cys Leu Trp Leu Ser Trp Lys Pro Trp Lys Pro Ser Glu Tyr Met
 130 135 140
 Glu Gln Glu Cys Glu Leu Arg Tyr Gln Pro Gln Leu Lys Gly Ala Asn
 145 150 155 160
 Trp Thr Leu Val Phe His Leu Pro Ser Ser Lys Asp Gln Phe Glu Leu
 165 170 175
 Cys Gly Leu His Gln Ala Pro Val Tyr Thr Leu Gln Met Arg Cys Ile
 180 185 190
 Arg Ser Ser Leu Pro Gly Phe Trp Ser Pro Trp Ser Pro Gly Leu Gln
 195 200 205
 Leu Arg Pro Thr Met Lys Ala
 210 215

<210> 3
 <211> 215
 <212> PRT
 <213> homo sapience

<400> 3
 Ala Gly Tyr Pro Pro Ala Ile Pro His Asn Leu Ser Cys Leu Met Asn
 1 5 10 15
 Leu Thr Thr Ser Ser Leu Ile Cys Gln Trp Glu Pro Gly Pro Glu Thr
 20 25 30
 His Leu Pro Thr Ser Phe Thr Leu Lys Ser Phe Lys Ser Arg Gly Asn
 35 40 45
 Cys Gln Thr Gln Gly Asp Ser Ile Leu Asp Cys Val Pro Lys Asp Gly
 50 55 60
 Gln Ser His Cys Cys Ile Pro Arg Lys His Leu Leu Leu Tyr Gln Asn
 65 70 75 80
 Met Gly Ile Trp Val Gln Ala Glu Asn Ala Leu Gly Thr Ser Met Ser
 85 90 95
 Pro Gln Leu Cys Leu Asp Pro Met Asp Val Val Lys Leu Glu Pro Pro
 100 105 110
 Met Leu Arg Thr Met Asp Pro Ser Pro Glu Ala Ala Pro Pro Gln Ala
 115 120 125
 Gly Cys Leu Gln Leu Cys Trp Glu Pro Trp Gln Pro Gly Leu His Ile
 130 135 140
 Asn Gln Lys Cys Glu Leu Arg His Lys Pro Gln Arg Gly Glu Ala Ser
 145 150 155 160
 Trp Ala Leu Val Gly Pro Leu Pro Leu Glu Ala Leu Gln Tyr Glu Leu
 165 170 175
 Cys Gly Leu Leu Pro Ala Thr Ala Tyr Thr Leu Gln Ile Arg Cys Ile
 180 185 190

Arg	Trp	Pro	Leu	Pro	Gly	His	Trp	Ser	Asp	Trp	Ser	Pro	Ser	Leu	Glu
		195					200					205			
Leu	Arg	Thr	Thr	Glu	Arg	Ala									
210						215									

09914619 091901